DC LED Engine Retrofit Kits – CCT Selectable

Simple, Field-Installable Solutions to Convert Existing Luminaires to LED

- Dual Channel LEDs, Dip Switch on PCB for six-level CCT selectability: 2700K, 3000K, 3500K, 4000K, 4500K and 5000K
- CRI90 standard; advanced phosphor technology LEDs for superior CRI90 efficacy
- Protect your investment by preserving existing luminaires
- No bulbs to change means lower maintenance costs
- Simple installation can be done in the field in minutes
- Compatible with the Fulham HotSpot LED emergency system
- Kits include installation hardware, required UL Classified labels, and installation instructions

The next generation of efficient, easy-to-install LED retrofit kits is here. Fulham VividHorse LED Engine Retrofit Kits can provide up to about 150 lm/W and are available in round and rectangular shapes to fit most standard wall- and ceiling-mounted luminaires. These cULus Classified Kits are suited for either field installation or factory retrofits and feature 0-10V dimming and a wide range of CCT options.
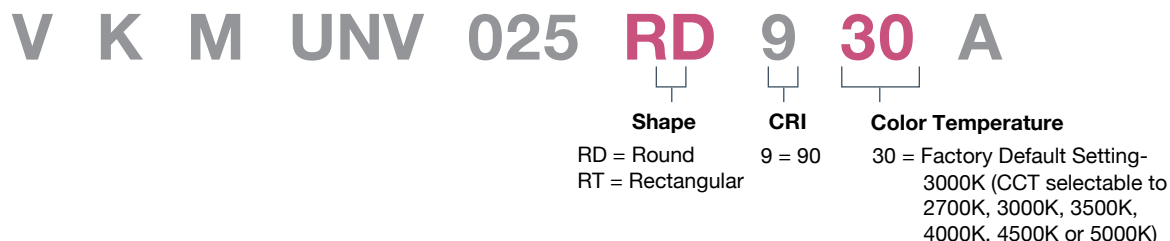
Specifications

Input Voltage	120~277VAC +/- 10% (50/60Hz)
Operating Temperature Range	-35°C to 60°C / -31°F to 140ºF
Lumen Maintenance @105ºC	L70= >60,000 hours / L90= 36,000 Hours @Tc max. = 96ºC
Dimming Type / Range	0-10V / 100% ~ 10%
Color Consistency	Binning per ANSI C78.377-2015 @25°C; 3 SDCM
HotSpot Emergency Backup	Plug-in connector (Recommended drivers: FHSCP-UNV-10P-L-SD, FHSCP-UNV-5WL, FHSCP-UNV-7.8WL)
Input Surge Test	2.5kV Common and Differential mode
Warranty	5 years @ Max. Tc from the date of manufacture
Safety/compliance	cURus (File # E351548, E342838), cULus (File # E365124), RoHS Compliant, and CSD

Product Models

Model Number	Number of LEDs	Input Power (W)	Nom. Lum. @4000K/90CRI (lm)	Engine Efficacy @4000K /90CRI (lm/W)	Shape	Dimensions (inches)
VKMUNV008RD930A	48 + 48	10	1400	140	Round	7.83 Dia. x 0.92 H
VKMUNV008RT930A	48 + 48	10	1400	140	Rectangular	7.4 L x 4.7 W x 0.92 H
VKMUNV012RD930A	72 + 72	14.5	2160	148	Round	7.83 Dia. x 0.92 H
VKMUNV018RD930A	48 + 48	21	2650	126	Round	7.83 Dia. x 1.18 H
VKMUNV018RT930A	48 + 48	21	2650	126	Rectangular	7.4 L x 4.7 W x 1.18 H
VKMUNV025RD930A	72 + 72	29.5	3730	126	Round	7.83 Dia. x 1.18 H

CSD= Certified Subcomponent Database

Part Numbering Key

V K M UNV 025 RD 9 30 A

Shape	**CRI**	**Color Temperature**
RD = Round RT = Rectangular	9 = 90	30 = Factory Default Setting-3000K (CCT selectable to 2700K, 3000K, 3500K, 4000K, 4500K or 5000K)

Why Convert to LED? *Retrofitting existing fixtures to efficient LED technology has never been easier.*

Installation
Takes a matter of minutes, making VividHorse Retrofit Kits ideal for high volume projects like hotels and office buildings.

Maintenance
LED luminaires have a significantly longer lifetime (over 60,000 hours at L70) than fluorescent lamps, reducing the number of lamp changes.

Safety and Aesthetics
Low profile drivers and smart LED chip placement eliminate shadows on the inside of the luminaire, creating fuller, more even light for increased safety and better aesthetics.